

Fig. 1 Prior art

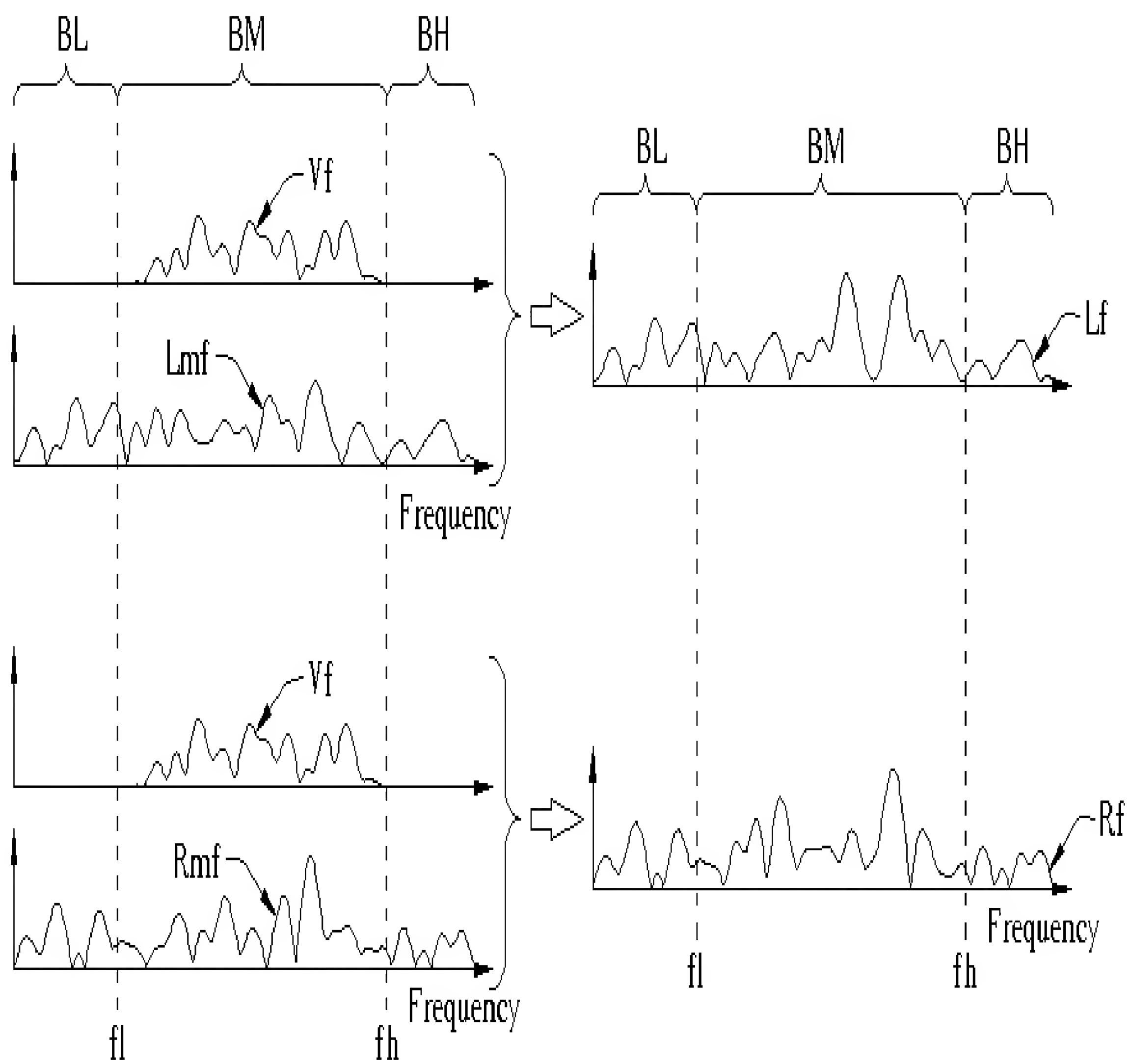


Fig. 2 Prior art

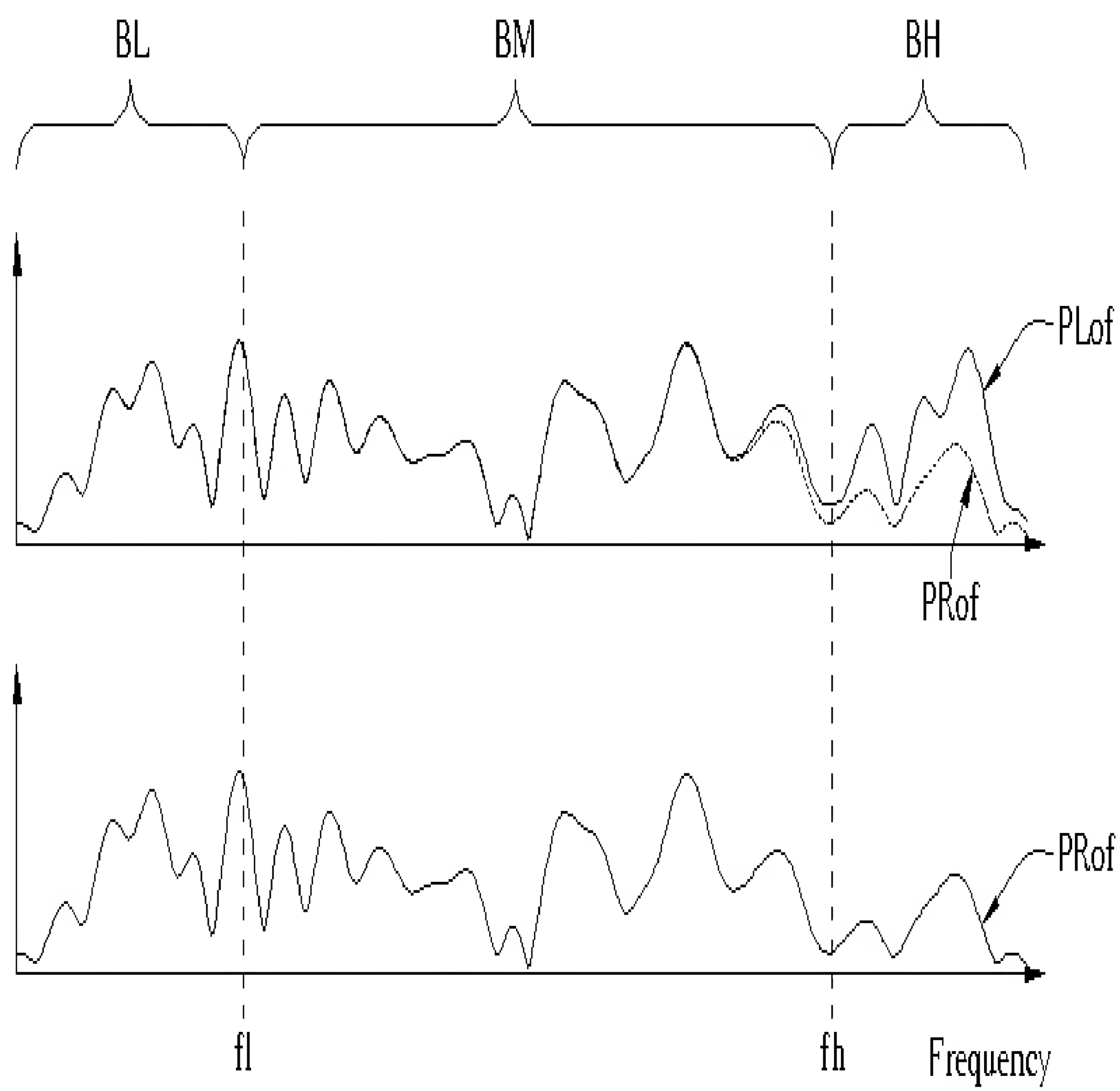


Fig. 3

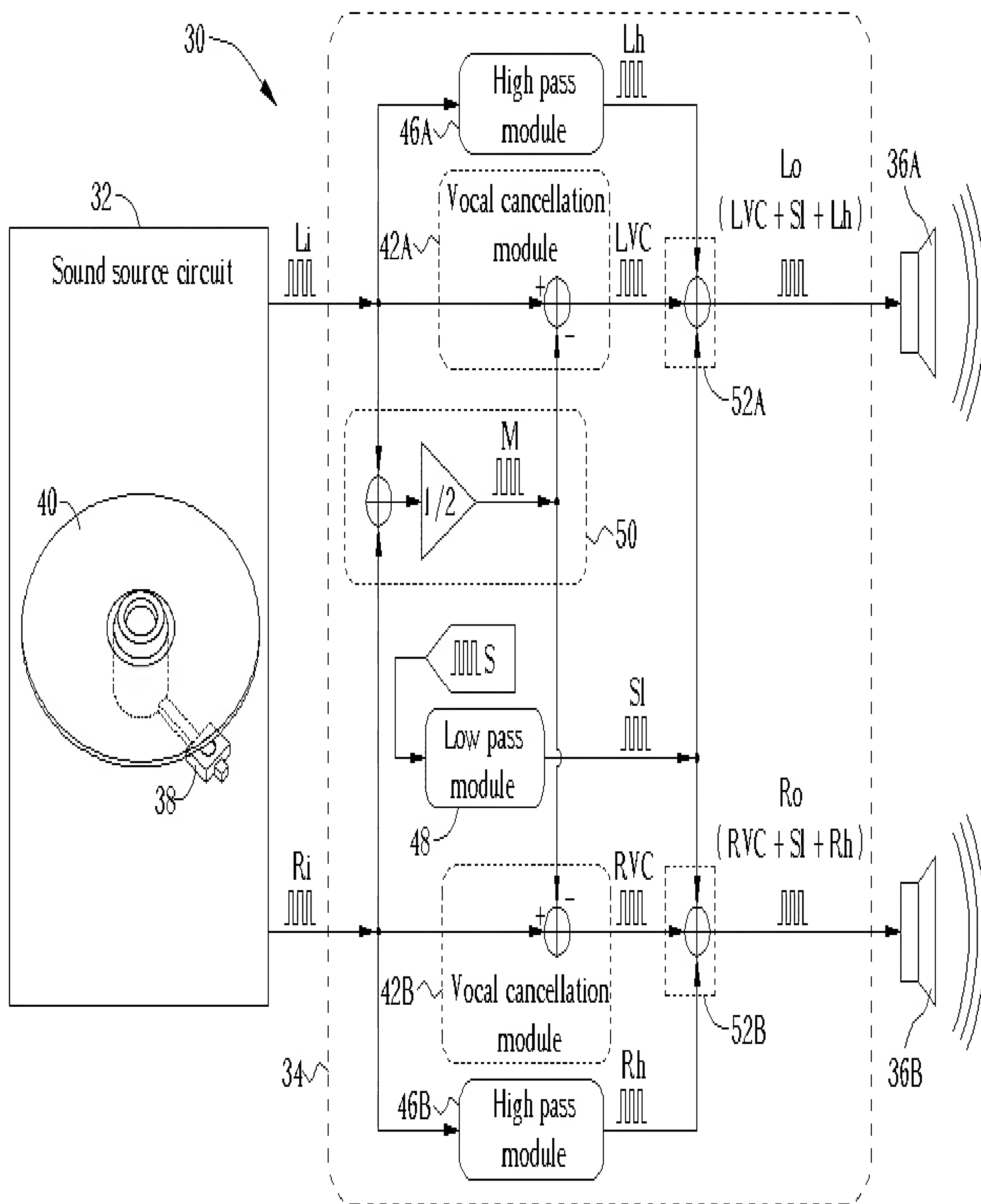


Fig. 4

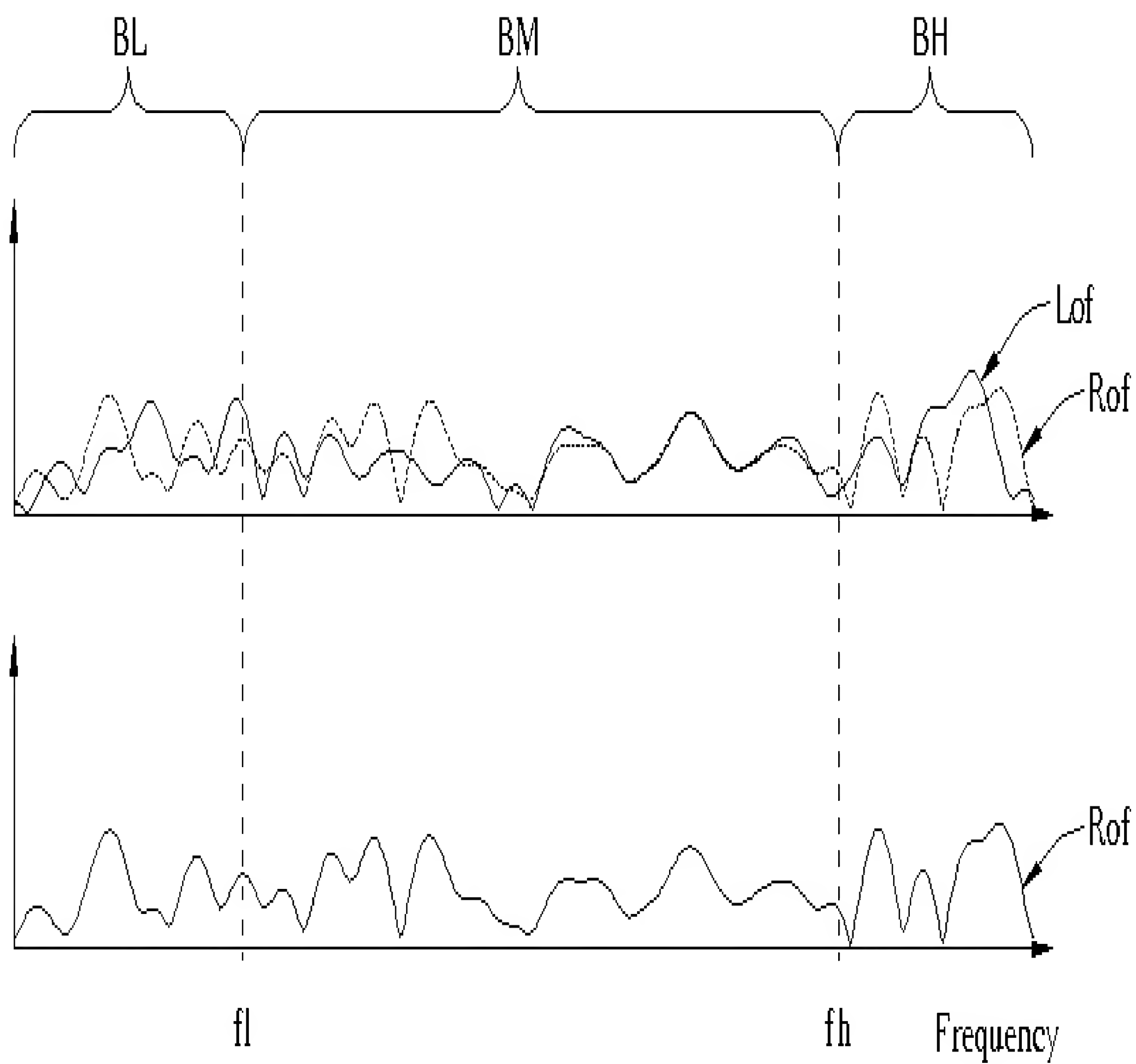


Fig. 5

100
↙

```
void Vocal_cancel(int j)
{
    Mono[j] = (x_L[j] + x_R[j]) / 2;

    Hi_Pass(x_L[j], h_L[j]);
    Hi_Pass(x_R[j], h_R[j]);

    Low_Pass(x_R[j], low[j]);

    L_out[j] = (h_L[j] + x_L[j] - Mono[j] + low[j]);
    R_out[j] = (h_R[j] + x_R[j] - Mono[j] + low[j]);
}
```

Fig. 6